# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 545 | 600/513.ccls. | US-PGPUB; USPAT | OR | ON | 2011/01/26 14:28 |
| L2 | 18 | "6377851" | US-PGPUB; USPAT | OR | ON | 2011/01/26 14:29 |
| L3 | 666 | 600/515.ccls. | US-PGPUB; USPAT | OR | ON | 2011/01/26 14:36 |
| L4 | 2132 | 607/9.ccls. | US-PGPUB; USPAT | OR | ON | 2011/01/26 14:41 |
| L5 | 602 | 607/115.ccls. | US-PGPUB; USPAT | OR | ON | 2011/01/26 15:09 |
| L6 | 28821 | (electrical same stimulation) | US-PGPUB; USPAT | OR | ON | 2011/01/26 15:11 |
| L7 | 8554 | l6 and (stimulation same parameters) | US-PGPUB; USPAT | OR | ON | 2011/01/26 15:11 |
| L8 | 2110 | l7 and (vary same parameters) | US-PGPUB; USPAT | OR | ON | 2011/01/26 15:11 |
| L9 | 413 | l8 and ((pulse or stimulation) near (frequency and duration and amplitude)) | US-PGPUB; USPAT | OR | ON | 2011/01/26 15:12 |
| L10 | 50 | l9 and @py<="2002" | US-PGPUB; USPAT | OR | ON | 2011/01/26 15:13 |
| L11 | 24 | l10 and (cardiac or heart) | US-PGPUB; USPAT | OR | ON | 2011/01/26 15:14 |
| S1 | 1883 | ("T" near wave) and ("R" near wave) | US-PGPUB; USPAT | OR | ON | 2007/11/13 10:36 |
| S2 | 751 | S1 and @py<="2001" | US-PGPUB; USPAT | OR | ON | 2007/11/13 10:36 |
| S3 | 65 | (voltage near range) and electrotherapy | US-PGPUB; USPAT | OR | ON | 2007/11/13 10:37 |
| S4 | 537 | 600/515.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 10:43 |
| S5 | 144 | electrotherapy and (parameter$ same vary $) | US-PGPUB; USPAT | OR | ON | 2007/11/13 10:45 |

| S6 | 147 | electrotherapy and (parameter$ same vary $) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 10:46 |
|---|---|---|---|---|---|---|
| S7 | 0 | wo0113990 | US-PGPUB; USPAT | OR | ON | 2007/11/13 10:49 |
| S8 | 0 | wo01013990 | US-PGPUB; USPAT | OR | ON | 2007/11/13 10:49 |
| S9 | 0 | wo01013990 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 10:49 |
| S10 | 0 | 2001/013990 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 10:50 |
| S11 | 459 | 600/513.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 10:51 |
| S12 | 487 | 600/513.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/12 08:21 |
| S13 | 558 | 600/515.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/12 08:40 |
| S14 | 5 | "2001013990" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 12:40 |
| S15 | 1 | "09378181" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 12:49 |

| S16 | 10 | "6450942" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 12:51 |
|-----|----|-----------|--------------------|----|-----|-----------|
| S17 | 17 | ("3859989" \| "3911898" \| "4077402" \| "4269175" \| "4343302" \| "4541417" \| "4590925" \| "4809676" \| "5084281" \| "5279283" \| "5370603" \| "5377671" \| "5458626" \| "5514079" \| "5554103" \| "5707400" \| "5820567").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/29 12:52 |
| S18 | 0 | S16 and electrotherapy | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/29 12:55 |
| S19 | 0 | S16 and (electrotherapy same device) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/29 12:55 |
| S20 | 5 | S16 and (electrical same stimulation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 12:56 |
| S21 | 1 | S16 and (electrical same parameters) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 12:57 |
| S22 | 9 | S16 and (parameters or parameter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 12:58 |
| S23 | 6 | S16 and ("T" same wave) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:00 |
| S24 | 2 | S16 and offset | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:01 |

| S25 | 0 | S16 and (("R" same "R") and "%") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:01 |
|-----|---|----------------------------------|---------------------------------------------------------|----|----|--------------------|
| S26 | 10 | S16 and ("R" same "R") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:02 |
| S27 | 4 | S16 and ((average or representative) same ("R" same "R") ) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:03 |
| S28 | 5 | S16 and microprocessor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:05 |
| S29 | 0 | S16 and (random same generator) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:05 |
| S30 | 2 | S16 and ("10" same "v") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:06 |
| S31 | 0 | S16 and ("1000" same "Hz") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:08 |
| S32 | 5 | S16 and ( "Hz") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:09 |

| S33 | 2 | S16 and ( "ms") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:10 |
| S34 | 4 | S16 and (pulse same duration) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:11 |
| S35 | 1 | S16 and (predict$ same "T") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:15 |
| S36 | 8 | S16 and simultaneously | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:18 |
| S37 | 2 | S16 and (time same offset) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/29 13:19 |
| S38 | 3 | "6832982" | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:38 |
| S39 | 2 | S38 and offset | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:39 |
| S40 | 0 | S38 and (average and representative) | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:40 |
| S41 | 0 | S38 and predicted | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:41 |
| S42 | 0 | S38 and predict | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:41 |
| S43 | 3 | S38 and parameters | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:41 |
| S44 | 3 | S38 and vary | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:42 |
| S45 | 2 | S38 and (limits and cycles) | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:44 |
| S46 | 2 | S38 and (minutes and cycles) | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:45 |
| S47 | 3 | S38 and "Hz" | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:47 |

| S48 | 3 | S38 and "ms" | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:48 |
| S49 | 3 | S38 and duration | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:48 |
| S50 | 2 | S38 and simultaneously | US-PGPUB; USPAT | OR | ON | 2008/07/30 08:49 |
| S51 | 1 | "09378181" | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:23 |
| S52 | 10 | "6450942" | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:24 |
| S53 | 0 | "200113390" | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:39 |
| S54 | 0 | WO200113390 | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:39 |
| S55 | 2 | "0113390" | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:39 |
| S56 | 2 | "6450942" and offset | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:40 |
| S57 | 10 | "6450942" | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:41 |
| S58 | 0 | "6450942" and electrotherapy | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:42 |
| S59 | 10 | "6450942" | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:42 |
| S60 | 5 | "6450942" and microprocessor | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:43 |
| S61 | 6 | "6450942" and pattern | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:43 |
| S62 | 0 | "6450942" and (random same generator) | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:44 |
| S63 | 4 | "6450942" and (pulse same duration) | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:44 |
| S64 | 4 | S63 and "ms" | US-PGPUB; USPAT | OR | ON | 2008/10/08 13:44 |
| S65 | 15 | "4541417" | US-PGPUB; USPAT | OR | ON | 2009/02/13 12:10 |
| S66 | 472 | 600/513.ccls. | US-PGPUB; USPAT | OR | ON | 2009/02/18 09:37 |
| S67 | 15 | "4541417" | US-PGPUB; USPAT | OR | ON | 2009/02/18 09:43 |
| S68 | 552 | 600/515.ccls. | US-PGPUB; USPAT | OR | ON | 2009/02/18 10:07 |
| S69 | 14 | "4541417" and method | US-PGPUB; USPAT | OR | ON | 2009/02/18 11:02 |
| S70 | 498 | 600/513.ccls. | US-PGPUB; USPAT | OR | ON | 2009/11/09 12:18 |

| S71 | 12611 | implantable same cardiac | US-PGPUB; USPAT | OR | ON | 2009/11/09 12:20 |
|---|---|---|---|---|---|---|
| S72 | 400 | S71 and (microprocessor same (((vary or varia$4) same parameters)) | US-PGPUB; USPAT | OR | ON | 2009/11/09 12:21 |
| S73 | 271 | S72 and (parameters same (amplitude or frequency or duration)) | US-PGPUB; USPAT | OR | ON | 2009/11/09 12:22 |
| S74 | 129 | S73 and @py<="2003" | US-PGPUB; USPAT | OR | ON | 2009/11/09 12:22 |
| S75 | 65 | S74 and (electrical same stimulation) | US-PGPUB; USPAT | OR | ON | 2009/11/09 12:22 |
| S76 | 7 | S75 and (parameters same pattern) | US-PGPUB; USPAT | OR | ON | 2009/11/09 12:24 |
| S77 | 579 | 600/515.ccls. | US-PGPUB; USPAT | OR | ON | 2009/11/09 12:27 |
| S78 | 498 | 600/513.ccls. | US-PGPUB; USPAT | OR | ON | 2009/11/10 20:01 |
| S79 | 498 | 600/513.ccls. | US-PGPUB; USPAT | OR | ON | 2009/11/11 13:13 |
| S80 | 579 | 600/515.ccls. | US-PGPUB; USPAT | OR | ON | 2009/11/11 13:18 |
| S81 | 572 | 607/48.ccls. | US-PGPUB; USPAT | OR | ON | 2009/11/20 22:26 |
| S82 | 58 | S81 and @py="2003" | US-PGPUB; USPAT | OR | ON | 2009/11/20 22:27 |
| S83 | 572 | 607/48.ccls. | US-PGPUB; USPAT | OR | ON | 2009/11/21 18:36 |
| S84 | 182 | S83 and @py<="2003" | US-PGPUB; USPAT | OR | ON | 2009/11/21 18:37 |
| S85 | 3 | "20030176901" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/27 22:11 |
| S86 | 547 | 600/513.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/27 22:57 |

| S87 | 3 | "20030176901" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/29 10:33 |
|-----|---|---------------|----------------------------------------------------------|----|----|------------------|
| S88 | 641 | 600/515.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/29 11:10 |
| S89 | 547 | 600/513.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/29 11:12 |
| S90 | 4204185 | "20030176901" qand predetermined | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/07 09:16 |
| S91 | 0 | "20030176901" and predetermined | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/07 09:16 |
| S92 | 2 | "20030176901" and pre $4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/07 09:16 |
| S93 | 408 | 600/518.CCLS. | US-PGPUB; USPAT | OR | ON | 2011/01/25 16:44 |
| S94 | 28821 | electrical same stimulation | US-PGPUB; USPAT | OR | ON | 2011/01/25 16:47 |
| S95 | 9406 | S94 and (heart same stimulation) | US-PGPUB; USPAT | OR | ON | 2011/01/25 16:47 |
| S96 | 145 | S95 and (vary same (stimulation same delay)) | US-PGPUB; USPAT | OR | ON | 2011/01/25 16:48 |
| S97 | 25 | S96 and @py<="2003" | US-PGPUB; USPAT | OR | ON | 2011/01/25 16:48 |

## EAST Search History (Interference)

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**1/26/2011 4:18:10 PM**
**C:\ Documents and Settings\ nlavert\ My Documents\ EAST\ Workspaces\ 10578340.wsp**